

In the Claims

The following is a complete listing of claims and should replace all prior versions of the claims. Please amend claims 1, 4-7, 9-10 and 12 as follows and add new claims 45-47.

1. (Currently amended) An apparatus for swaging an end of a tubular, the apparatus comprising:

a swaging head for providing the swage to the end of the tubular, wherein the swaging head has two or more swaging formations provided thereon to permit swaging of differing diameters of tubular ends,

wherein each swaging formation is provided on an internal bore of the swaging head, such that the internal bore of the swaging head is capable of engaging the outer diameter of the tubular end to provide the swage thereto, and

wherein each swaging formation comprises a first diameter of the swaging head, a second diameter being smaller than the first diameter, a third diameter being smaller than the second diameter, and a fourth diameter being smaller than the third diameter.

2-3. (Cancelled)

4. (Currently amended) An apparatus according to claim [[3]] 1, wherein the internal bore of the swaging head tapers substantially linearly inwardly, with respect to the longitudinal axis of the swaging head, from the first diameter to the second diameter, and from the second diameter to the third diameter.

5. (Currently amended) An apparatus according to claim [[4]] 1, wherein the angle of the taper from the first to the second diameter is greater than the angle of the taper from the second to third diameter.

6. (Currently amended) An apparatus according to claim [[4]] 1, wherein the surface of the internal bore of the swaging head provided by the taper from the first to the second diameter

is a guiding surface, and the surface provided by the taper from the second to third diameter is a swaging surface.

7. (Currently amended) An apparatus according to claim [[3]] 1, wherein the surface of the internal bore of the swaging head from the second/third diameter to the third/fourth diameter is arranged to be substantially perpendicular to the longitudinal axis of the swaging head.

8. (Original) An apparatus according to claim 7, wherein the surface of the internal bore of the swaging head from the second/third diameter is arranged to provide a shoulder or a stop surface against which the tubular end arrests, in use.

9. (Currently amended) An apparatus according to claim [[3]] 1, wherein the swaging head is arranged with at least first and second swaging formations, whereby the fourth diameter of the first swaging formation is greater than the first diameter of the second swaging formation.

10. (Currently amended) An apparatus according to claim [[3]] 1, wherein the first diameter of the first swaging formation is the closest diameter of all of the diameters of all of the swaging formations to the tubular end, in use.

11. (Cancelled)

12. (Currently amended) An apparatus ~~according to claim 11~~, for swaging an end of a tubular, the apparatus comprising:

a swaging head for providing the swage to the end of the tubular, wherein the swaging head has two or more swaging formations provided thereon to permit swaging of differing diameters of tubular ends,

wherein each swaging formation is provided on an external diameter of the swaging head, such that the external diameter of the swaging head engages the inner diameter of the tubular end to provide the swage thereto,

wherein each swaging formation comprises a first diameter of the swaging head, a second diameter being greater than the first diameter, a third diameter being greater than the second diameter, and a fourth diameter being greater than the third diameter.

13. (Original) An apparatus according to claim 12, wherein the external diameter of the swaging head tapers substantially linearly outwardly, with respect to the longitudinal axis of the swaging head, from the first diameter to the second diameter, and from the second diameter to the third diameter.

14. (Original) An apparatus according to claim 13, wherein the angle of the taper from the first to the second diameter is greater than the angle of the taper from the second to third diameter.

15. (Original) An apparatus according to claim 13, wherein the surface of the external diameter of the swaging head provided by the taper from the first to the second diameter is a guiding surface, and the surface provided by the taper from the second to third diameter is a swaging surface.

16. (Original) An apparatus according to claim 12, wherein the surface of the external diameter of the swaging head from the second/third diameter to the third/fourth diameter is arranged to be substantially perpendicular to the longitudinal axis of the swaging head.

17. (Original) An apparatus according to claim 16, wherein the surface of the external diameter of the swaging head from the second/third diameter to the third/fourth diameter is arranged to provide a shoulder or a stop surface against which the tubular end arrests, in use.

18. (Original) An apparatus according to claim 12, wherein the swaging head is arranged with at least first and second swaging formations, whereby the fourth diameter of the first swaging formation is smaller than the first diameter of the second swaging formation.

19. (Original) An apparatus according to claim 12, wherein the first diameter of the first swaging formation is the closest diameter of all of the diameters of all of the swaging formations to the tubular end, in use.

20-44. (Cancelled)

45. (New) An oil and gas metal tubular swaging apparatus for swaging an end of an oil and gas metal tubular having a diameter of at least four inches, the apparatus comprising a swaging head for providing the swage to the end of the tubular, a swaging cylinder operable by means of hydraulic fluid pressure to move the swaging head into swaging contact with the end of the tubular wherein the swaging head has two or more swaging formations provided thereon to permit swaging of differing diameters of tubular ends, said diameters being at least four inches.

46. (New) An oil and gas metal tubular swaging apparatus as claimed in claim 45, wherein the two or more swaging formations are provided on an internal bore of the swaging head, such that the internal bore of the swaging head is capable of engaging the outer diameter of the tubular end to provide the swage thereto.

47. (New) An oil and gas metal tubular swaging apparatus according to claim 45, wherein the two or more swaging formations are provided on an external diameter of the swaging head, such that the external diameter of the swaging head engages the inner diameter of the tubular end to provide the swage thereto.